We claim:

1.   A computer gaming system comprising:

one or more server/host computers connected
to one or more client/terminal computers via
5   communication pathways, wherein a client/terminal
program is executed on each client/terminal
computer;

one or more computer gaming programs executed
on at least one server/host computer but not on
10   any of the client/terminal computers; and

a server/host interface program executed on
each server/host computer;

wherein the computer gaming program executed
on the server/host computer separates input and
15   output streams at an application layer of a
protocol stack, and redirects the input and output
streams over the communication pathways to the
client/terminal computers via the server/host
interface program and the client/terminal program.

20

2.   The computer gaming system of claim 1, wherein an
input command detected during execution of the
client/terminal program on one of the client/terminal
computers is transmitted to the server/host computer
25   executing the computer gaming program over the
communication pathways and, in response to the input
command, the execution of the computer gaming program
on the server/host computer is altered.

30 3.   The computer gaming system of claim 1, wherein the
computer gaming program is a casino gaming program.

4.   The computer gaming system of claim 1, wherein at
least one client/terminal computer further comprises a

touch screen display device.

5.   The computer gaming system of claim 4, wherein at
least one client/terminal computer further comprises a
wager-acceptor device.

6.   The computer gaming system of claim 1, wherein two
or more computer gaming programs are executed on the
server/host computers and the input and output streams
of the computer gaming programs are redirected to one
or more client/terminal computers.

7.   The computer gaming system of claim 6, wherein the
input and output streams of a first computer gaming
program executed on one of the server/host computers
are redirected to a first plurality of client/terminal
computers and the input and output streams of a second
computer gaming program executed on one of the
server/host computers are redirected to a second
plurality of client/terminal computers.

8.   The computer gaming system of claim 7, wherein the
input and output streams of both the first and the
second computer gaming programs executed on one of the
server/host computers are redirected to a same
client/terminal computer.

9.   The computer gaming system of claim 8, wherein the
input and output streams of the first gaming program
are redirected to a window displayed on a screen of the
client/terminal computer and the input and output
streams of the second gaming program are redirected to
a sub-window of the window displayed on the screen of
the client/terminal computer.

10. The computer gaming system of claim 1, wherein the communication pathways comprise a local area network or a wide area network.

5

11. The computer gaming system of claim 1, wherein at least one client/terminal computer further comprises:

a head-mounted display device;

a joystick input device; and

10 wireless communication pathways.

12. The computer gaming system of claim 1, wherein the communication pathways comprise a global network.

15 13. The computer gaming system of claim 12, wherein the client/terminal program is first downloaded from one of the server/host computers to one of the client/terminal computers over the global network.

20 14. The computer gaming system of claim 13, wherein a patron of one of the client/terminal computers requests that the client/terminal program be downloaded from one of the server/host computers by accessing a web page.

25 15. A method of operating a computer gaming system comprising one or more server/host computers connected to one or more client/terminal computers via communication pathways, the method comprising:

executing one or more computer gaming

30 programs on at least one server/host computer;

executing a server/host interface program on at least one server/host computer; and

separating input and output streams of the computer gaming program and redirecting the input

and output streams to the client/terminal computers via the server/host interface program and the client/terminal program.

16.   The method of claim 15, further comprising:
        receiving the server/host computer executing the computer gaming program over the communications pathways an input command detected during execution of the client/terminal program on one of the client/terminal computers; and
        in response to the input command, altering the execution of the computer gaming program on the server/host computer.

17.   The method of claim 15, wherein the computer gaming program is a casino gaming program.

18.   The method of claim 15, wherein at least one client/terminal computer further comprises a touch screen display device.

19.   The method of claim 18, wherein at least one client/terminal computer further comprises a wager-acceptor device.

20.   The method of claim 15, further comprising:
        executing two or more computer gaming programs on the server/host computer; and
        separating input and output streams of the computer gaming programs executed on the server/host computer and redirecting the input and output streams to the client/terminal computers.

21. The method of claim 20, further comprising:

    separating input and output streams of a first computer gaming program executed on one of the server/host computers and redirecting the

5   input and output streams of the first computer gaming program to a first plurality of the client/terminal computers; and

    separating input and output streams of a second computer gaming program executed on one of

10   the server/host computers and redirecting the input and output streams of the second computer gaming program to a second plurality of the client/terminal computers.

15 22. The method of claim 21, wherein the input and output streams of both the first and the second computer gaming programs are redirected to one of the client/terminal computers.

20 23. The method of claim 22, wherein the input and output streams of the first computer gaming program are redirected to a window displayed on a screen of the client/terminal computer and the input and output streams of the second computer gaming program are

25 redirected to a sub-window of the window displayed on the screen of the client/terminal computer.

  24. The method of claim 15, wherein the communication pathways comprise a local area network or a wide area

30 network.

  25. The method of claim 15, wherein the communication pathways comprise a global network.

26. The method of claim 25, wherein the
client/terminal program is first downloaded from one of
the server/host computers to one of the client/terminal
computers over the global network.

5

27. The method of claim 26, wherein a patron of one of
the client/terminal computer requests that the
client/terminal program be downloaded from one of the
server/host computers by accessing a web page.

10

28. A computer gaming system comprising:
         one or more client/terminal computers
connected to one or more server/host computers via
communication pathways, wherein one or more

15   computer gaming programs are executed on at least
one server/host computer but not on any of the
client/terminal computers and a server/host
interface program is executed on each server/host
computer; and

20   a client/terminal program executed on each
client/terminal computer;
         wherein the computer gaming program executed
on the server/host computer separates input and
output streams at an application layer of a

25   protocol stack, and redirects the input and output
streams over the communication pathways to the
client/terminal computers via the server/host
interface program and the client/terminal program.

30 29. The computer gaming system of claim 28, wherein an
input command detected during execution of the
client/terminal program on one of the client/terminal
computers is transmitted to the server/host computer
executing the computer gaming program over the

communication pathways and, in response to the input command, the execution of the computer gaming program on the server/host computer is altered.

5   30.   The computer gaming system of claim 28, wherein the computer gaming program is a casino gaming program.

31.   The computer gaming system of claim 28, wherein at least one client/terminal computer further comprises a
10   touch screen display device.

32.   The computer gaming system of claim 31, wherein at least one client/terminal computer further comprises a wager-acceptor device.
15
33.   The computer gaming system of claim 28, wherein two or more computer gaming programs are executed on the server/host computers and the input and output streams of the computer gaming programs are redirected
20   to one or more client/terminal computers.

34.   The computer gaming system of claim 33, wherein the input and output streams of a first computer gaming program executed on one of the server/host computers
25   are redirected to a first plurality of client/terminal computers and the input and output streams of a second computer gaming program executed on one of the server/host computers are redirected to a second plurality of client/terminal computers.
30
35.   The computer gaming system of claim 33, wherein the input and output streams of both the first and the second computer gaming programs executed on one of the server/host computers are redirected to a same

client/terminal computer.

36.   The computer gaming system of claim 35, wherein
the input and output streams of the first gaming
5   program are redirected to a window displayed on a
screen of the client/terminal computer and the input
and output streams of the second gaming program are
redirected to a sub-window of the window displayed on
the screen of the client/terminal computer.
10

37.   The computer gaming system of claim 28, wherein
the communication pathways comprise a local area
network or a wide area network.

15   38.   The computer gaming system of claim 28, wherein at
least one client/terminal computer further comprises:
a head-mounted display device;
a joystick input device; and
wireless communication pathways.
20

39.   The computer gaming system of claim 28, wherein
the communication pathways comprise a global network.

40.   The computer gaming system of claim 39, wherein
25   the client/terminal program is first downloaded from
one of the server/host computers to one of the
client/terminal computers over the global network.

41.   The computer gaming system of claim 40, wherein a
30   patron of one of the client/terminal computers requests
that the client/terminal program be downloaded from one
of the server/host computers by accessing a web page.

42.   A method of operating a computer gaming system

comprising one or more client/terminal computers connected to one or more server/host computers via communication pathways, the method comprising:

5   receiving on the client/terminal computers input and output streams of a computer gaming program executed by the server/host computers, the input and output streams being redirected via a server/host interface program executed by the server/host computers and a client/terminal

10   program executed by the client/terminal computers.

43.   The method of claim 42, further comprising:
transmitting over the communications pathways an input command detected during execution of the

15   client/terminal program on one of the client/terminal computers to the server/host computer executing the computer gaming program, wherein in response to the input command the execution of the computer gaming program on the

20   server/host computer is altered.

44.   The method of claim 42, wherein the computer gaming program is a casino gaming program.

25   45.   The method of claim 42, wherein at least one client/terminal computer further comprises a touch screen display device.

46.   The method of claim 45, wherein at least one

30   client/terminal computer further comprises a wager-acceptor device.

47.   The method of claim 42, wherein two or more computer gaming programs are executed on the

server/host computer, the method further comprising:

receiving redirected input and output streams
of the computer gaming programs executed on the
server/host computer on the client/terminal

5   computers.

48.   The method of claim 47, further comprising:
receiving input and output streams of a first
computer gaming program executed on one of the
10   server/host computers on a first plurality of the
client/terminal computers; and
receiving input and output streams of a
second computer gaming program executed on one of
the server/host computers on a second plurality of
15   the client/terminal computers.

49.   The method of claim 48, wherein the input and
output streams of both the first and the second
computer gaming programs are redirected to one of the
20   client/terminal computers.

50.   The method of claim 49, wherein the input and
output streams of the first computer gaming program are
redirected to a window displayed on a screen of the
25   client/terminal computer and the input and output   .
streams of the second computer gaming program are
redirected to a sub-window of the window displayed on
the screen of the client/terminal computer.

30   51.   The method of claim 42, wherein the communication
pathways comprise a local area network or a wide area
network.

52.   The method of claim 42, wherein the communication

pathways comprise a global network.

53.   The method of claim 52, further comprising:
      downloading the client/terminal program from
      one of the server/host computers to one of the
      client/terminal computers over the global network.

54.   The method of claim 53, further comprising:
      a patron of one of the client/terminal
      computer requesting that the client/terminal
      program be downloaded from one of the server/host
      computers by accessing a web page.